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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

50X1-HUM

REPORT

CD NO.

COUNTRY East Germany
SUBJECT Chemical Laboratory of Object 1, SBAG Wismut

DATE DISTR. 24 June 1955

NO. OF PAGES 1

PLACE
ACQUIRED NO. OF ENCLS.
(LISTED BELOW)DATE OF
INFO. SUPPLEMENT TO
REPORT NO. 50X1-HUM

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1. In November 1951 the entire German staff of the chemical laboratory of Object 1 in Johanngeorgenstadt was replaced by Soviet citizens. At that time, the chemical laboratory was analyzing concentrate samples received from Object 98. The 5-gram samples contained 1 gram of concentrate. The analyses were made according to the Fischer method, the samples being broken up by aqua regia and the silicon eliminated.
2. If organic components appeared during the evaporation in the sand bath, the process was discontinued, and the samples were first annealed for about half an hour before the evaporation. The samples then were dissolved in 50 to 80 centiliters distilled water, heated to the boiling point and precipitated by means of (sic). The samples were subsequently filtered, and the filtrate poured away. The red brown deposits, Fe with titanium, molybdenum, etc., were heated with H_2SO_4 to 60° centigrade and dissolved. The percentage of H_2SO_4 was unknown. The process was continued with an alkaline treatment. Flocculating residues were poured into a measuring flask and filtered after having settled for 24 hours. The residues of this filtrate were given to a Soviet laboratory assistant for further analyses. No information was obtained on the results of the analyses of concentrate from Object 98.

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